



LABORATORY REPORT

Prepared For: Project Navigator
 One Pointe Drive, Suite 320
 Brea, CA 92821
 Attention: David Tietje

Project: ETS-Ascon

Sampled: 01/13/05
 Received: 01/14/05
 Issued: 01/18/05 17:04

NELAP #01108CA CA ELAP #1197 CSDLAC #10117

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain of Custody, 1 page, is included and is an integral part of this report.

This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IOA0752-01	Process Control-NR	Soil
IOA0752-02	Treated-3a-7.5	Soil
IOA0752-03	Treated-3a-15	Soil
IOA0752-04	Treated-3a-30	Soil

Reviewed By:

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager

Project Navigator
 One Pointe Drive, Suite 320
 Brea, CA 92821
 Attention: David Tietje

Project ID: ETS-Ascon

Report Number: IOA0752

Sampled: 01/13/05
 Received: 01/14/05

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOA0752-01 (Process Control-NR - Soil)								
Reporting Units: mg/kg								
Total Recoverable Hydrocarbons	EPA 418.1	5A14061	30	2100	1	1/14/2005	1/14/2005	
Sample ID: IOA0752-02 (Treated-3a-7.5 - Soil)								
Reporting Units: mg/kg								
Total Recoverable Hydrocarbons	EPA 418.1	5A14061	30	700	1	1/14/2005	1/14/2005	
Sample ID: IOA0752-03 (Treated-3a-15 - Soil)								
Reporting Units: mg/kg								
Total Recoverable Hydrocarbons	EPA 418.1	5A14061	30	910	1	1/14/2005	1/14/2005	
Sample ID: IOA0752-04 (Treated-3a-30 - Soil)								
Reporting Units: mg/kg								
Total Recoverable Hydrocarbons	EPA 418.1	5A14061	30	830	1	1/14/2005	1/14/2005	

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager

Project Navigator
 One Pointe Drive, Suite 320
 Brea, CA 92821
 Attention: David Tietje

Project ID: ETS-Ascon

Report Number: IOA0752

Sampled: 01/13/05

Received: 01/14/05

EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015 Modified)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOA0752-01 (Process Control-NR - Soil)								
Reporting Units: mg/kg								
GRO (C6 - C12)	EPA 8015B MOD.	5A14055	200	680	40	1/14/2005	1/18/2005	B-1
DRO/ORO (C13 - C40)	EPA 8015B MOD.	5A14055	200	5600	40	1/14/2005	1/18/2005	
EFH (C6 - C40)	EPA 8015B MOD.	5A14055	200	6200	40	1/14/2005	1/18/2005	B-1
Surrogate: n-Octacosane (40-130%)				732 %				Z3
Sample ID: IOA0752-02 (Treated-3a-7.5 - Soil)								
Reporting Units: mg/kg								
GRO (C6 - C12)	EPA 8015B MOD.	5A15031	150	690	30	1/15/2005	1/17/2005	
DRO/ORO (C13 - C40)	EPA 8015B MOD.	5A15031	150	5200	30	1/15/2005	1/17/2005	
EFH (C6 - C40)	EPA 8015B MOD.	5A15031	150	5900	30	1/15/2005	1/17/2005	
Surrogate: n-Octacosane (40-130%)				515 %				Z3
Sample ID: IOA0752-03 (Treated-3a-15 - Soil)								
Reporting Units: mg/kg								
GRO (C6 - C12)	EPA 8015B MOD.	5A15031	150	610	30	1/15/2005	1/17/2005	
DRO/ORO (C13 - C40)	EPA 8015B MOD.	5A15031	150	4500	30	1/15/2005	1/17/2005	
EFH (C6 - C40)	EPA 8015B MOD.	5A15031	150	5100	30	1/15/2005	1/17/2005	
Surrogate: n-Octacosane (40-130%)				436 %				Z3
Sample ID: IOA0752-04 (Treated-3a-30 - Soil)								
Reporting Units: mg/kg								
GRO (C6 - C12)	EPA 8015B MOD.	5A15031	150	490	30	1/15/2005	1/17/2005	
DRO/ORO (C13 - C40)	EPA 8015B MOD.	5A15031	150	3600	30	1/15/2005	1/17/2005	
EFH (C6 - C40)	EPA 8015B MOD.	5A15031	150	4100	30	1/15/2005	1/17/2005	
Surrogate: n-Octacosane (40-130%)				346 %				Z3

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



Project Navigator
 One Pointe Drive, Suite 320
 Brea, CA 92821
 Attention: David Tietje

Project ID: ETS-Ascon

Report Number: IOA0752

Sampled: 01/13/05
 Received: 01/14/05

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOA0752-01 (Process Control-NR - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	5A15013	9.6	ND	4.81	1/15/2005	1/15/2005	
Bromobenzene	EPA 8260B	5A15013	24	ND	4.81	1/15/2005	1/15/2005	
Bromochloromethane	EPA 8260B	5A15013	24	ND	4.81	1/15/2005	1/15/2005	
Bromodichloromethane	EPA 8260B	5A15013	9.6	ND	4.81	1/15/2005	1/15/2005	
Bromoform	EPA 8260B	5A15013	24	ND	4.81	1/15/2005	1/15/2005	
Bromomethane	EPA 8260B	5A15013	24	ND	4.81	1/15/2005	1/15/2005	
n-Butylbenzene	EPA 8260B	5A15013	24	ND	4.81	1/15/2005	1/15/2005	
sec-Butylbenzene	EPA 8260B	5A15013	24	78	4.81	1/15/2005	1/15/2005	
tert-Butylbenzene	EPA 8260B	5A15013	24	ND	4.81	1/15/2005	1/15/2005	
Carbon tetrachloride	EPA 8260B	5A15013	24	ND	4.81	1/15/2005	1/15/2005	
Chlorobenzene	EPA 8260B	5A15013	9.6	ND	4.81	1/15/2005	1/15/2005	
Chloroethane	EPA 8260B	5A15013	24	ND	4.81	1/15/2005	1/15/2005	
Chloroform	EPA 8260B	5A15013	9.6	ND	4.81	1/15/2005	1/15/2005	
Chloromethane	EPA 8260B	5A15013	24	ND	4.81	1/15/2005	1/15/2005	
2-Chlorotoluene	EPA 8260B	5A15013	24	ND	4.81	1/15/2005	1/15/2005	
4-Chlorotoluene	EPA 8260B	5A15013	24	ND	4.81	1/15/2005	1/15/2005	
Dibromochloromethane	EPA 8260B	5A15013	9.6	ND	4.81	1/15/2005	1/15/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5A15013	24	ND	4.81	1/15/2005	1/15/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5A15013	9.6	ND	4.81	1/15/2005	1/15/2005	
Dibromomethane	EPA 8260B	5A15013	9.6	ND	4.81	1/15/2005	1/15/2005	
1,2-Dichlorobenzene	EPA 8260B	5A15013	9.6	ND	4.81	1/15/2005	1/15/2005	
1,3-Dichlorobenzene	EPA 8260B	5A15013	9.6	ND	4.81	1/15/2005	1/15/2005	
1,4-Dichlorobenzene	EPA 8260B	5A15013	9.6	ND	4.81	1/15/2005	1/15/2005	
Dichlorodifluoromethane	EPA 8260B	5A15013	24	ND	4.81	1/15/2005	1/15/2005	
1,1-Dichloroethane	EPA 8260B	5A15013	9.6	ND	4.81	1/15/2005	1/15/2005	
1,2-Dichloroethane	EPA 8260B	5A15013	9.6	ND	4.81	1/15/2005	1/15/2005	
1,1-Dichloroethene	EPA 8260B	5A15013	24	ND	4.81	1/15/2005	1/15/2005	
cis-1,2-Dichloroethene	EPA 8260B	5A15013	9.6	ND	4.81	1/15/2005	1/15/2005	
trans-1,2-Dichloroethene	EPA 8260B	5A15013	9.6	ND	4.81	1/15/2005	1/15/2005	
1,2-Dichloropropane	EPA 8260B	5A15013	9.6	ND	4.81	1/15/2005	1/15/2005	
1,3-Dichloropropane	EPA 8260B	5A15013	9.6	ND	4.81	1/15/2005	1/15/2005	
2,2-Dichloropropane	EPA 8260B	5A15013	9.6	ND	4.81	1/15/2005	1/15/2005	
1,1-Dichloropropene	EPA 8260B	5A15013	9.6	ND	4.81	1/15/2005	1/15/2005	
cis-1,3-Dichloropropene	EPA 8260B	5A15013	9.6	ND	4.81	1/15/2005	1/15/2005	
trans-1,3-Dichloropropene	EPA 8260B	5A15013	9.6	ND	4.81	1/15/2005	1/15/2005	
Ethylbenzene	EPA 8260B	5A15013	9.6	35	4.81	1/15/2005	1/15/2005	
Hexachlorobutadiene	EPA 8260B	5A15013	24	ND	4.81	1/15/2005	1/15/2005	
Isopropylbenzene	EPA 8260B	5A15013	9.6	77	4.81	1/15/2005	1/15/2005	
p-Isopropyltoluene	EPA 8260B	5A15013	9.6	120	4.81	1/15/2005	1/15/2005	
Methylene chloride	EPA 8260B	5A15013	96	ND	4.81	1/15/2005	1/15/2005	
Naphthalene	EPA 8260B	5A15013	24	83	4.81	1/15/2005	1/15/2005	

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager

Project Navigator
 One Pointe Drive, Suite 320
 Brea, CA 92821
 Attention: David Tietje

Project ID: ETS-Ascon

Report Number: IOA0752

Sampled: 01/13/05

Received: 01/14/05

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOA0752-01 (Process Control-NR - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5A15013	9.6	120	4.81	1/15/2005	1/15/2005	
Styrene	EPA 8260B	5A15013	9.6	ND	4.81	1/15/2005	1/15/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5A15013	24	ND	4.81	1/15/2005	1/15/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5A15013	9.6	ND	4.81	1/15/2005	1/15/2005	
Tetrachloroethene	EPA 8260B	5A15013	9.6	ND	4.81	1/15/2005	1/15/2005	
Toluene	EPA 8260B	5A15013	9.6	ND	4.81	1/15/2005	1/15/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5A15013	24	ND	4.81	1/15/2005	1/15/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5A15013	24	ND	4.81	1/15/2005	1/15/2005	
1,1,1-Trichloroethane	EPA 8260B	5A15013	9.6	ND	4.81	1/15/2005	1/15/2005	
1,1,2-Trichloroethane	EPA 8260B	5A15013	9.6	ND	4.81	1/15/2005	1/15/2005	
Trichloroethene	EPA 8260B	5A15013	9.6	ND	4.81	1/15/2005	1/15/2005	
Trichlorofluoromethane	EPA 8260B	5A15013	24	ND	4.81	1/15/2005	1/15/2005	
1,2,3-Trichloropropane	EPA 8260B	5A15013	48	ND	4.81	1/15/2005	1/15/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5A15013	9.6	220	4.81	1/15/2005	1/15/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5A15013	9.6	140	4.81	1/15/2005	1/15/2005	
Vinyl chloride	EPA 8260B	5A15013	24	ND	4.81	1/15/2005	1/15/2005	
o-Xylene	EPA 8260B	5A15013	9.6	ND	4.81	1/15/2005	1/15/2005	
m,p-Xylenes	EPA 8260B	5A15013	9.6	13	4.81	1/15/2005	1/15/2005	
<i>Surrogate: Dibromofluoromethane (80-125%)</i>				98 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				92 %				
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				95 %				

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



Project Navigator
 One Pointe Drive, Suite 320
 Brea, CA 92821
 Attention: David Tietje

Project ID: ETS-Ascon

Report Number: IOA0752

Sampled: 01/13/05
 Received: 01/14/05

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOA0752-02 (Treated-3a-7.5 - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	5A15013	10	ND	5.15	1/15/2005	1/15/2005	
Bromobenzene	EPA 8260B	5A15013	26	ND	5.15	1/15/2005	1/15/2005	
Bromochloromethane	EPA 8260B	5A15013	26	ND	5.15	1/15/2005	1/15/2005	
Bromodichloromethane	EPA 8260B	5A15013	10	ND	5.15	1/15/2005	1/15/2005	
Bromoform	EPA 8260B	5A15013	26	ND	5.15	1/15/2005	1/15/2005	
Bromomethane	EPA 8260B	5A15013	26	ND	5.15	1/15/2005	1/15/2005	
n-Butylbenzene	EPA 8260B	5A15013	26	ND	5.15	1/15/2005	1/15/2005	
sec-Butylbenzene	EPA 8260B	5A15013	26	100	5.15	1/15/2005	1/15/2005	
tert-Butylbenzene	EPA 8260B	5A15013	26	ND	5.15	1/15/2005	1/15/2005	
Carbon tetrachloride	EPA 8260B	5A15013	26	ND	5.15	1/15/2005	1/15/2005	
Chlorobenzene	EPA 8260B	5A15013	10	ND	5.15	1/15/2005	1/15/2005	
Chloroethane	EPA 8260B	5A15013	26	ND	5.15	1/15/2005	1/15/2005	
Chloroform	EPA 8260B	5A15013	10	ND	5.15	1/15/2005	1/15/2005	
Chloromethane	EPA 8260B	5A15013	26	ND	5.15	1/15/2005	1/15/2005	
2-Chlorotoluene	EPA 8260B	5A15013	26	ND	5.15	1/15/2005	1/15/2005	
4-Chlorotoluene	EPA 8260B	5A15013	26	ND	5.15	1/15/2005	1/15/2005	
Dibromochloromethane	EPA 8260B	5A15013	10	ND	5.15	1/15/2005	1/15/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5A15013	26	ND	5.15	1/15/2005	1/15/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5A15013	10	ND	5.15	1/15/2005	1/15/2005	
Dibromomethane	EPA 8260B	5A15013	10	ND	5.15	1/15/2005	1/15/2005	
1,2-Dichlorobenzene	EPA 8260B	5A15013	10	ND	5.15	1/15/2005	1/15/2005	
1,3-Dichlorobenzene	EPA 8260B	5A15013	10	ND	5.15	1/15/2005	1/15/2005	
1,4-Dichlorobenzene	EPA 8260B	5A15013	10	ND	5.15	1/15/2005	1/15/2005	
Dichlorodifluoromethane	EPA 8260B	5A15013	26	ND	5.15	1/15/2005	1/15/2005	
1,1-Dichloroethane	EPA 8260B	5A15013	10	ND	5.15	1/15/2005	1/15/2005	
1,2-Dichloroethane	EPA 8260B	5A15013	10	ND	5.15	1/15/2005	1/15/2005	
1,1-Dichloroethene	EPA 8260B	5A15013	26	ND	5.15	1/15/2005	1/15/2005	
cis-1,2-Dichloroethene	EPA 8260B	5A15013	10	ND	5.15	1/15/2005	1/15/2005	
trans-1,2-Dichloroethene	EPA 8260B	5A15013	10	ND	5.15	1/15/2005	1/15/2005	
1,2-Dichloropropane	EPA 8260B	5A15013	10	ND	5.15	1/15/2005	1/15/2005	
1,3-Dichloropropane	EPA 8260B	5A15013	10	ND	5.15	1/15/2005	1/15/2005	
2,2-Dichloropropane	EPA 8260B	5A15013	10	ND	5.15	1/15/2005	1/15/2005	
1,1-Dichloropropene	EPA 8260B	5A15013	10	ND	5.15	1/15/2005	1/15/2005	
cis-1,3-Dichloropropene	EPA 8260B	5A15013	10	ND	5.15	1/15/2005	1/15/2005	
trans-1,3-Dichloropropene	EPA 8260B	5A15013	10	ND	5.15	1/15/2005	1/15/2005	
Ethylbenzene	EPA 8260B	5A15013	10	46	5.15	1/15/2005	1/15/2005	
Hexachlorobutadiene	EPA 8260B	5A15013	26	ND	5.15	1/15/2005	1/15/2005	
Isopropylbenzene	EPA 8260B	5A15013	10	110	5.15	1/15/2005	1/15/2005	
p-Isopropyltoluene	EPA 8260B	5A15013	10	160	5.15	1/15/2005	1/15/2005	
Methylene chloride	EPA 8260B	5A15013	100	ND	5.15	1/15/2005	1/15/2005	
Naphthalene	EPA 8260B	5A15013	26	90	5.15	1/15/2005	1/15/2005	

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



Project Navigator
 One Pointe Drive, Suite 320
 Brea, CA 92821
 Attention: David Tietje

Project ID: ETS-Ascon

Report Number: IOA0752

Sampled: 01/13/05
 Received: 01/14/05

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOA0752-02 (Treated-3a-7.5 - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5A15013	10	170	5.15	1/15/2005	1/15/2005	
Styrene	EPA 8260B	5A15013	10	ND	5.15	1/15/2005	1/15/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5A15013	26	ND	5.15	1/15/2005	1/15/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5A15013	10	ND	5.15	1/15/2005	1/15/2005	
Tetrachloroethene	EPA 8260B	5A15013	10	ND	5.15	1/15/2005	1/15/2005	
Toluene	EPA 8260B	5A15013	10	ND	5.15	1/15/2005	1/15/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5A15013	26	ND	5.15	1/15/2005	1/15/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5A15013	26	ND	5.15	1/15/2005	1/15/2005	
1,1,1-Trichloroethane	EPA 8260B	5A15013	10	ND	5.15	1/15/2005	1/15/2005	
1,1,2-Trichloroethane	EPA 8260B	5A15013	10	ND	5.15	1/15/2005	1/15/2005	
Trichloroethene	EPA 8260B	5A15013	10	ND	5.15	1/15/2005	1/15/2005	
Trichlorofluoromethane	EPA 8260B	5A15013	26	ND	5.15	1/15/2005	1/15/2005	
1,2,3-Trichloropropane	EPA 8260B	5A15013	52	ND	5.15	1/15/2005	1/15/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5A15013	10	260	5.15	1/15/2005	1/15/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5A15013	10	170	5.15	1/15/2005	1/15/2005	
Vinyl chloride	EPA 8260B	5A15013	26	ND	5.15	1/15/2005	1/15/2005	
o-Xylene	EPA 8260B	5A15013	10	ND	5.15	1/15/2005	1/15/2005	
m,p-Xylenes	EPA 8260B	5A15013	10	17	5.15	1/15/2005	1/15/2005	
<i>Surrogate: Dibromofluoromethane (80-125%)</i>				95 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				94 %				
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				94 %				

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



Project Navigator
 One Pointe Drive, Suite 320
 Brea, CA 92821
 Attention: David Tietje

Project ID: ETS-Ascon

Report Number: IOA0752

Sampled: 01/13/05
 Received: 01/14/05

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOA0752-03 (Treated-3a-15 - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	5A15013	10	ND	5.05	1/15/2005	1/15/2005	
Bromobenzene	EPA 8260B	5A15013	25	ND	5.05	1/15/2005	1/15/2005	
Bromochloromethane	EPA 8260B	5A15013	25	ND	5.05	1/15/2005	1/15/2005	
Bromodichloromethane	EPA 8260B	5A15013	10	ND	5.05	1/15/2005	1/15/2005	
Bromoform	EPA 8260B	5A15013	25	ND	5.05	1/15/2005	1/15/2005	
Bromomethane	EPA 8260B	5A15013	25	ND	5.05	1/15/2005	1/15/2005	
n-Butylbenzene	EPA 8260B	5A15013	25	ND	5.05	1/15/2005	1/15/2005	
sec-Butylbenzene	EPA 8260B	5A15013	25	93	5.05	1/15/2005	1/15/2005	
tert-Butylbenzene	EPA 8260B	5A15013	25	ND	5.05	1/15/2005	1/15/2005	
Carbon tetrachloride	EPA 8260B	5A15013	25	ND	5.05	1/15/2005	1/15/2005	
Chlorobenzene	EPA 8260B	5A15013	10	ND	5.05	1/15/2005	1/15/2005	
Chloroethane	EPA 8260B	5A15013	25	ND	5.05	1/15/2005	1/15/2005	
Chloroform	EPA 8260B	5A15013	10	ND	5.05	1/15/2005	1/15/2005	
Chloromethane	EPA 8260B	5A15013	25	ND	5.05	1/15/2005	1/15/2005	
2-Chlorotoluene	EPA 8260B	5A15013	25	ND	5.05	1/15/2005	1/15/2005	
4-Chlorotoluene	EPA 8260B	5A15013	25	ND	5.05	1/15/2005	1/15/2005	
Dibromochloromethane	EPA 8260B	5A15013	10	ND	5.05	1/15/2005	1/15/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5A15013	25	ND	5.05	1/15/2005	1/15/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5A15013	10	ND	5.05	1/15/2005	1/15/2005	
Dibromomethane	EPA 8260B	5A15013	10	ND	5.05	1/15/2005	1/15/2005	
1,2-Dichlorobenzene	EPA 8260B	5A15013	10	ND	5.05	1/15/2005	1/15/2005	
1,3-Dichlorobenzene	EPA 8260B	5A15013	10	ND	5.05	1/15/2005	1/15/2005	
1,4-Dichlorobenzene	EPA 8260B	5A15013	10	ND	5.05	1/15/2005	1/15/2005	
Dichlorodifluoromethane	EPA 8260B	5A15013	25	ND	5.05	1/15/2005	1/15/2005	
1,1-Dichloroethane	EPA 8260B	5A15013	10	ND	5.05	1/15/2005	1/15/2005	
1,2-Dichloroethane	EPA 8260B	5A15013	10	ND	5.05	1/15/2005	1/15/2005	
1,1-Dichloroethene	EPA 8260B	5A15013	25	ND	5.05	1/15/2005	1/15/2005	
cis-1,2-Dichloroethene	EPA 8260B	5A15013	10	ND	5.05	1/15/2005	1/15/2005	
trans-1,2-Dichloroethene	EPA 8260B	5A15013	10	ND	5.05	1/15/2005	1/15/2005	
1,2-Dichloropropane	EPA 8260B	5A15013	10	ND	5.05	1/15/2005	1/15/2005	
1,3-Dichloropropane	EPA 8260B	5A15013	10	ND	5.05	1/15/2005	1/15/2005	
2,2-Dichloropropane	EPA 8260B	5A15013	10	ND	5.05	1/15/2005	1/15/2005	
1,1-Dichloropropene	EPA 8260B	5A15013	10	ND	5.05	1/15/2005	1/15/2005	
cis-1,3-Dichloropropene	EPA 8260B	5A15013	10	ND	5.05	1/15/2005	1/15/2005	
trans-1,3-Dichloropropene	EPA 8260B	5A15013	10	ND	5.05	1/15/2005	1/15/2005	
Ethylbenzene	EPA 8260B	5A15013	10	65	5.05	1/15/2005	1/15/2005	
Hexachlorobutadiene	EPA 8260B	5A15013	25	ND	5.05	1/15/2005	1/15/2005	
Isopropylbenzene	EPA 8260B	5A15013	10	110	5.05	1/15/2005	1/15/2005	
p-Isopropyltoluene	EPA 8260B	5A15013	10	150	5.05	1/15/2005	1/15/2005	
Methylene chloride	EPA 8260B	5A15013	100	ND	5.05	1/15/2005	1/15/2005	
Naphthalene	EPA 8260B	5A15013	25	110	5.05	1/15/2005	1/15/2005	

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager

Project Navigator
 One Pointe Drive, Suite 320
 Brea, CA 92821
 Attention: David Tietje

Project ID: ETS-Ascon

Report Number: IOA0752

Sampled: 01/13/05
 Received: 01/14/05

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOA0752-03 (Treated-3a-15 - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5A15013	10	170	5.05	1/15/2005	1/15/2005	
Styrene	EPA 8260B	5A15013	10	ND	5.05	1/15/2005	1/15/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5A15013	25	ND	5.05	1/15/2005	1/15/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5A15013	10	ND	5.05	1/15/2005	1/15/2005	
Tetrachloroethene	EPA 8260B	5A15013	10	ND	5.05	1/15/2005	1/15/2005	
Toluene	EPA 8260B	5A15013	10	ND	5.05	1/15/2005	1/15/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5A15013	25	ND	5.05	1/15/2005	1/15/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5A15013	25	ND	5.05	1/15/2005	1/15/2005	
1,1,1-Trichloroethane	EPA 8260B	5A15013	10	ND	5.05	1/15/2005	1/15/2005	
1,1,2-Trichloroethane	EPA 8260B	5A15013	10	ND	5.05	1/15/2005	1/15/2005	
Trichloroethene	EPA 8260B	5A15013	10	ND	5.05	1/15/2005	1/15/2005	
Trichlorofluoromethane	EPA 8260B	5A15013	25	ND	5.05	1/15/2005	1/15/2005	
1,2,3-Trichloropropane	EPA 8260B	5A15013	51	ND	5.05	1/15/2005	1/15/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5A15013	10	420	5.05	1/15/2005	1/15/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5A15013	10	170	5.05	1/15/2005	1/15/2005	
Vinyl chloride	EPA 8260B	5A15013	25	ND	5.05	1/15/2005	1/15/2005	
o-Xylene	EPA 8260B	5A15013	10	ND	5.05	1/15/2005	1/15/2005	
m,p-Xylenes	EPA 8260B	5A15013	10	31	5.05	1/15/2005	1/15/2005	
<i>Surrogate: Dibromofluoromethane (80-125%)</i>				96 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				90 %				
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				99 %				

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



Project Navigator
 One Pointe Drive, Suite 320
 Brea, CA 92821
 Attention: David Tietje

Project ID: ETS-Ascon

Report Number: IOA0752

Sampled: 01/13/05
 Received: 01/14/05

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOA0752-04 (Treated-3a-30 - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	5A15013	10	ND	5.21	1/15/2005	1/15/2005	
Bromobenzene	EPA 8260B	5A15013	26	ND	5.21	1/15/2005	1/15/2005	
Bromochloromethane	EPA 8260B	5A15013	26	ND	5.21	1/15/2005	1/15/2005	
Bromodichloromethane	EPA 8260B	5A15013	10	ND	5.21	1/15/2005	1/15/2005	
Bromoform	EPA 8260B	5A15013	26	ND	5.21	1/15/2005	1/15/2005	
Bromomethane	EPA 8260B	5A15013	26	ND	5.21	1/15/2005	1/15/2005	
n-Butylbenzene	EPA 8260B	5A15013	26	ND	5.21	1/15/2005	1/15/2005	
sec-Butylbenzene	EPA 8260B	5A15013	26	41	5.21	1/15/2005	1/15/2005	
tert-Butylbenzene	EPA 8260B	5A15013	26	ND	5.21	1/15/2005	1/15/2005	
Carbon tetrachloride	EPA 8260B	5A15013	26	ND	5.21	1/15/2005	1/15/2005	
Chlorobenzene	EPA 8260B	5A15013	10	ND	5.21	1/15/2005	1/15/2005	
Chloroethane	EPA 8260B	5A15013	26	ND	5.21	1/15/2005	1/15/2005	
Chloroform	EPA 8260B	5A15013	10	ND	5.21	1/15/2005	1/15/2005	
Chloromethane	EPA 8260B	5A15013	26	ND	5.21	1/15/2005	1/15/2005	
2-Chlorotoluene	EPA 8260B	5A15013	26	ND	5.21	1/15/2005	1/15/2005	
4-Chlorotoluene	EPA 8260B	5A15013	26	ND	5.21	1/15/2005	1/15/2005	
Dibromochloromethane	EPA 8260B	5A15013	10	ND	5.21	1/15/2005	1/15/2005	
1,2-Dibromo-3-chloropropane	EPA 8260B	5A15013	26	ND	5.21	1/15/2005	1/15/2005	
1,2-Dibromoethane (EDB)	EPA 8260B	5A15013	10	ND	5.21	1/15/2005	1/15/2005	
Dibromomethane	EPA 8260B	5A15013	10	ND	5.21	1/15/2005	1/15/2005	
1,2-Dichlorobenzene	EPA 8260B	5A15013	10	ND	5.21	1/15/2005	1/15/2005	
1,3-Dichlorobenzene	EPA 8260B	5A15013	10	ND	5.21	1/15/2005	1/15/2005	
1,4-Dichlorobenzene	EPA 8260B	5A15013	10	ND	5.21	1/15/2005	1/15/2005	
Dichlorodifluoromethane	EPA 8260B	5A15013	26	ND	5.21	1/15/2005	1/15/2005	
1,1-Dichloroethane	EPA 8260B	5A15013	10	ND	5.21	1/15/2005	1/15/2005	
1,2-Dichloroethane	EPA 8260B	5A15013	10	ND	5.21	1/15/2005	1/15/2005	
1,1-Dichloroethene	EPA 8260B	5A15013	26	ND	5.21	1/15/2005	1/15/2005	
cis-1,2-Dichloroethene	EPA 8260B	5A15013	10	ND	5.21	1/15/2005	1/15/2005	
trans-1,2-Dichloroethene	EPA 8260B	5A15013	10	ND	5.21	1/15/2005	1/15/2005	
1,2-Dichloropropane	EPA 8260B	5A15013	10	ND	5.21	1/15/2005	1/15/2005	
1,3-Dichloropropane	EPA 8260B	5A15013	10	ND	5.21	1/15/2005	1/15/2005	
2,2-Dichloropropane	EPA 8260B	5A15013	10	ND	5.21	1/15/2005	1/15/2005	
1,1-Dichloropropene	EPA 8260B	5A15013	10	ND	5.21	1/15/2005	1/15/2005	
cis-1,3-Dichloropropene	EPA 8260B	5A15013	10	ND	5.21	1/15/2005	1/15/2005	
trans-1,3-Dichloropropene	EPA 8260B	5A15013	10	ND	5.21	1/15/2005	1/15/2005	
Ethylbenzene	EPA 8260B	5A15013	10	32	5.21	1/15/2005	1/15/2005	
Hexachlorobutadiene	EPA 8260B	5A15013	26	ND	5.21	1/15/2005	1/15/2005	
Isopropylbenzene	EPA 8260B	5A15013	10	48	5.21	1/15/2005	1/15/2005	
p-Isopropyltoluene	EPA 8260B	5A15013	10	67	5.21	1/15/2005	1/15/2005	
Methylene chloride	EPA 8260B	5A15013	100	ND	5.21	1/15/2005	1/15/2005	
Naphthalene	EPA 8260B	5A15013	26	67	5.21	1/15/2005	1/15/2005	

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager

Project Navigator
 One Pointe Drive, Suite 320
 Brea, CA 92821
 Attention: David Tietje

Project ID: ETS-Ascon

Report Number: IOA0752

Sampled: 01/13/05

Received: 01/14/05

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOA0752-04 (Treated-3a-30 - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	5A15013	10	71	5.21	1/15/2005	1/15/2005	
Styrene	EPA 8260B	5A15013	10	ND	5.21	1/15/2005	1/15/2005	
1,1,1,2-Tetrachloroethane	EPA 8260B	5A15013	26	ND	5.21	1/15/2005	1/15/2005	
1,1,2,2-Tetrachloroethane	EPA 8260B	5A15013	10	ND	5.21	1/15/2005	1/15/2005	
Tetrachloroethene	EPA 8260B	5A15013	10	ND	5.21	1/15/2005	1/15/2005	
Toluene	EPA 8260B	5A15013	10	ND	5.21	1/15/2005	1/15/2005	
1,2,3-Trichlorobenzene	EPA 8260B	5A15013	26	ND	5.21	1/15/2005	1/15/2005	
1,2,4-Trichlorobenzene	EPA 8260B	5A15013	26	ND	5.21	1/15/2005	1/15/2005	
1,1,1-Trichloroethane	EPA 8260B	5A15013	10	ND	5.21	1/15/2005	1/15/2005	
1,1,2-Trichloroethane	EPA 8260B	5A15013	10	ND	5.21	1/15/2005	1/15/2005	
Trichloroethene	EPA 8260B	5A15013	10	ND	5.21	1/15/2005	1/15/2005	
Trichlorofluoromethane	EPA 8260B	5A15013	26	ND	5.21	1/15/2005	1/15/2005	
1,2,3-Trichloropropane	EPA 8260B	5A15013	52	ND	5.21	1/15/2005	1/15/2005	
1,2,4-Trimethylbenzene	EPA 8260B	5A15013	10	190	5.21	1/15/2005	1/15/2005	
1,3,5-Trimethylbenzene	EPA 8260B	5A15013	10	73	5.21	1/15/2005	1/15/2005	
Vinyl chloride	EPA 8260B	5A15013	26	ND	5.21	1/15/2005	1/15/2005	
o-Xylene	EPA 8260B	5A15013	10	ND	5.21	1/15/2005	1/15/2005	
m,p-Xylenes	EPA 8260B	5A15013	10	17	5.21	1/15/2005	1/15/2005	
<i>Surrogate: Dibromofluoromethane (80-125%)</i>				97 %				
<i>Surrogate: Toluene-d8 (80-120%)</i>				90 %				
<i>Surrogate: 4-Bromofluorobenzene (80-120%)</i>				94 %				

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



Project Navigator
 One Pointe Drive, Suite 320
 Brea, CA 92821
 Attention: David Tietje

Project ID: ETS-Ascon

Report Number: IOA0752

Sampled: 01/13/05
 Received: 01/14/05

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOA0752-01 (Process Control-NR - Soil)								
Reporting Units: mg/kg								
Chromium	EPA 6010B	5A17046	1.0	23	1	1/17/2005	1/17/2005	
Sample ID: IOA0752-02 (Treated-3a-7.5 - Soil)								
Reporting Units: mg/kg								
Chromium	EPA 6010B	5A17046	2.0	21	2	1/17/2005	1/17/2005	
Sample ID: IOA0752-03 (Treated-3a-15 - Soil)								
Reporting Units: mg/kg								
Chromium	EPA 6010B	5A17046	4.0	21	4	1/17/2005	1/17/2005	
Sample ID: IOA0752-04 (Treated-3a-30 - Soil)								
Reporting Units: mg/kg								
Chromium	EPA 6010B	5A17046	7.0	23	7	1/17/2005	1/17/2005	

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



Project Navigator
 One Pointe Drive, Suite 320
 Brea, CA 92821
 Attention: David Tietje

Project ID: ETS-Ascon

Report Number: IOA0752

Sampled: 01/13/05

Received: 01/14/05

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IOA0752-01 (Process Control-NR - Soil)								
Reporting Units: mg/kg								
Chromium VI	EPA 7199	5A17073	0.20	ND	1	1/17/2005	1/17/2005	M2
Sample ID: IOA0752-02 (Treated-3a-7.5 - Soil)								
Reporting Units: mg/kg								
Chromium VI	EPA 7199	5A17073	0.20	ND	1	1/17/2005	1/17/2005	
Sample ID: IOA0752-03 (Treated-3a-15 - Soil)								
Reporting Units: mg/kg								
Chromium VI	EPA 7199	5A17073	0.20	0.38	1	1/17/2005	1/17/2005	
Sample ID: IOA0752-04 (Treated-3a-30 - Soil)								
Reporting Units: mg/kg								
Chromium VI	EPA 7199	5A17073	0.20	0.69	1	1/17/2005	1/17/2005	

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



Project Navigator
 One Pointe Drive, Suite 320
 Brea, CA 92821
 Attention: David Tietje

Project ID: ETS-Ascon

Report Number: IOA0752

Sampled: 01/13/05
 Received: 01/14/05

METHOD BLANK/QC DATA

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 5A14061 Extracted: 01/14/05										
Blank Analyzed: 01/14/2005 (5A14061-BLK1)										
Total Recoverable Hydrocarbons	ND	5.0	mg/kg							
LCS Analyzed: 01/14/2005 (5A14061-BS1)										
Total Recoverable Hydrocarbons	18.0	5.0	mg/kg	20.0		90	55-130			
Matrix Spike Analyzed: 01/14/2005 (5A14061-MS1)										
Total Recoverable Hydrocarbons	2290	30	mg/kg	120	2400	-92	35-130			M2
Matrix Spike Dup Analyzed: 01/14/2005 (5A14061-MSD1)										
Total Recoverable Hydrocarbons	2040	30	mg/kg	120	2400	-300	35-130	12	25	M2

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager

Project Navigator
 One Pointe Drive, Suite 320
 Brea, CA 92821
 Attention: David Tietje

Project ID: ETS-Ascon
 Report Number: IOA0752

Sampled: 01/13/05
 Received: 01/14/05

METHOD BLANK/QC DATA

EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015 Modified)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5A14055 Extracted: 01/14/05										
Blank Analyzed: 01/17/2005 (5A14055-BLK1)										
GRO (C6 - C12)	36.4	5.0	mg/kg							B
DRO/ORO (C13 - C40)	ND	5.0	mg/kg							
EFH (C6 - C40)	37.0	5.0	mg/kg							B-1
Surrogate: n-Octacosane	4.40		mg/kg	6.67		66	40-130			
LCS Analyzed: 01/17/2005 (5A14055-BS1)										
EFH (C6 - C40)	24.9	5.0	mg/kg	33.3		75	40-120			
Surrogate: n-Octacosane	5.94		mg/kg	6.67		89	40-130			
Matrix Spike Analyzed: 01/17/2005 (5A14055-MS1)										
					Source: IOA0730-04					
EFH (C6 - C40)	26.2	5.0	mg/kg	33.3	5.5	62	30-125			
Surrogate: n-Octacosane	5.43		mg/kg	6.67		81	40-130			
Matrix Spike Dup Analyzed: 01/17/2005 (5A14055-MSD1)										
					Source: IOA0730-04					
EFH (C6 - C40)	26.7	5.0	mg/kg	33.3	5.5	64	30-125	2	30	
Surrogate: n-Octacosane	5.57		mg/kg	6.67		84	40-130			
Batch: 5A15031 Extracted: 01/15/05										
Blank Analyzed: 01/17/2005 (5A15031-BLK1)										
GRO (C6 - C12)	ND	5.0	mg/kg							
DRO/ORO (C13 - C40)	ND	5.0	mg/kg							
EFH (C6 - C40)	ND	5.0	mg/kg							
Surrogate: n-Octacosane	3.64		mg/kg	6.67		55	40-130			
LCS Analyzed: 01/17/2005 (5A15031-BS1)										
EFH (C6 - C40)	16.5	5.0	mg/kg	33.3		50	40-120			
Surrogate: n-Octacosane	3.37		mg/kg	6.67		51	40-130			

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



Project Navigator
 One Pointe Drive, Suite 320
 Brea, CA 92821
 Attention: David Tietje

Project ID: ETS-Ascon

Report Number: IOA0752

Sampled: 01/13/05
 Received: 01/14/05

METHOD BLANK/QC DATA

EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015 Modified)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5A15031 Extracted: 01/15/05										
Matrix Spike Analyzed: 01/17/2005 (5A15031-MS1)					Source: IOA0803-16					
EFH (C6 - C40)	26.6	5.0	mg/kg	33.3	ND	80	30-125			
Surrogate: n-Octacosane	5.06		mg/kg	6.67		76	40-130			
Matrix Spike Dup Analyzed: 01/17/2005 (5A15031-MSD1)					Source: IOA0803-16					
EFH (C6 - C40)	22.5	5.0	mg/kg	33.3	ND	68	30-125	17	30	
Surrogate: n-Octacosane	4.14		mg/kg	6.67		62	40-130			

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



Project Navigator
 One Pointe Drive, Suite 320
 Brea, CA 92821
 Attention: David Tietje

Project ID: ETS-Ascon
 Report Number: IOA0752

Sampled: 01/13/05
 Received: 01/14/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 5A15013 Extracted: 01/15/05										
Blank Analyzed: 01/15/2005 (5A15013-BLK1)										
Benzene	ND	2.0	ug/kg							
Bromobenzene	ND	5.0	ug/kg							
Bromochloromethane	ND	5.0	ug/kg							
Bromodichloromethane	ND	2.0	ug/kg							
Bromoform	ND	5.0	ug/kg							
Bromomethane	ND	5.0	ug/kg							
n-Butylbenzene	ND	5.0	ug/kg							
sec-Butylbenzene	ND	5.0	ug/kg							
tert-Butylbenzene	ND	5.0	ug/kg							
Carbon tetrachloride	ND	5.0	ug/kg							
Chlorobenzene	ND	2.0	ug/kg							
Chloroethane	ND	5.0	ug/kg							
Chloroform	ND	2.0	ug/kg							
Chloromethane	ND	5.0	ug/kg							
2-Chlorotoluene	ND	5.0	ug/kg							
4-Chlorotoluene	ND	5.0	ug/kg							
Dibromochloromethane	ND	2.0	ug/kg							
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg							
1,2-Dibromoethane (EDB)	ND	2.0	ug/kg							
Dibromomethane	ND	2.0	ug/kg							
1,2-Dichlorobenzene	ND	2.0	ug/kg							
1,3-Dichlorobenzene	ND	2.0	ug/kg							
1,4-Dichlorobenzene	ND	2.0	ug/kg							
Dichlorodifluoromethane	ND	5.0	ug/kg							
1,1-Dichloroethane	ND	2.0	ug/kg							
1,2-Dichloroethane	ND	2.0	ug/kg							
1,1-Dichloroethene	ND	5.0	ug/kg							
cis-1,2-Dichloroethene	ND	2.0	ug/kg							
trans-1,2-Dichloroethene	ND	2.0	ug/kg							
1,2-Dichloropropane	ND	2.0	ug/kg							
1,3-Dichloropropane	ND	2.0	ug/kg							
2,2-Dichloropropane	ND	2.0	ug/kg							
1,1-Dichloropropene	ND	2.0	ug/kg							
cis-1,3-Dichloropropene	ND	2.0	ug/kg							
trans-1,3-Dichloropropene	ND	2.0	ug/kg							

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



Project Navigator
 One Pointe Drive, Suite 320
 Brea, CA 92821
 Attention: David Tietje

Project ID: ETS-Ascon
 Report Number: IOA0752

Sampled: 01/13/05
 Received: 01/14/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5A15013 Extracted: 01/15/05										
Blank Analyzed: 01/15/2005 (5A15013-BLK1)										
Ethylbenzene	ND	2.0	ug/kg							
Hexachlorobutadiene	ND	5.0	ug/kg							
Isopropylbenzene	ND	2.0	ug/kg							
p-Isopropyltoluene	ND	2.0	ug/kg							
Methylene chloride	ND	20	ug/kg							
Naphthalene	ND	5.0	ug/kg							
n-Propylbenzene	ND	2.0	ug/kg							
Styrene	ND	2.0	ug/kg							
1,1,1,2-Tetrachloroethane	ND	5.0	ug/kg							
1,1,2,2-Tetrachloroethane	ND	2.0	ug/kg							
Tetrachloroethene	ND	2.0	ug/kg							
Toluene	ND	2.0	ug/kg							
1,2,3-Trichlorobenzene	ND	5.0	ug/kg							
1,2,4-Trichlorobenzene	ND	5.0	ug/kg							
1,1,1-Trichloroethane	ND	2.0	ug/kg							
1,1,2-Trichloroethane	ND	2.0	ug/kg							
Trichloroethene	ND	2.0	ug/kg							
Trichlorofluoromethane	ND	5.0	ug/kg							
1,2,3-Trichloropropane	ND	10	ug/kg							
1,2,4-Trimethylbenzene	ND	2.0	ug/kg							
1,3,5-Trimethylbenzene	ND	2.0	ug/kg							
Vinyl chloride	ND	5.0	ug/kg							
o-Xylene	ND	2.0	ug/kg							
m,p-Xylenes	ND	2.0	ug/kg							
Surrogate: Dibromofluoromethane	47.3		ug/kg	50.0		95	80-125			
Surrogate: Toluene-d8	46.5		ug/kg	50.0		93	80-120			
Surrogate: 4-Bromofluorobenzene	48.3		ug/kg	50.0		97	80-120			

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



Project Navigator
 One Pointe Drive, Suite 320
 Brea, CA 92821
 Attention: David Tietje

Project ID: ETS-Ascon

Report Number: IOA0752

Sampled: 01/13/05
 Received: 01/14/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5A15013 Extracted: 01/15/05										
LCS Analyzed: 01/15/2005 (5A15013-BS1)										
Benzene	47.1	2.0	ug/kg	50.0		94	70-120			
Bromobenzene	50.1	5.0	ug/kg	50.0		100	80-120			
Bromochloromethane	41.2	5.0	ug/kg	50.0		82	65-135			
Bromodichloromethane	52.9	2.0	ug/kg	50.0		106	70-140			
Bromoform	40.3	5.0	ug/kg	50.0		81	60-140			
Bromomethane	53.0	5.0	ug/kg	50.0		106	55-145			
n-Butylbenzene	56.1	5.0	ug/kg	50.0		112	75-130			
sec-Butylbenzene	54.8	5.0	ug/kg	50.0		110	75-125			
tert-Butylbenzene	50.6	5.0	ug/kg	50.0		101	80-125			
Carbon tetrachloride	51.0	5.0	ug/kg	50.0		102	70-140			
Chlorobenzene	45.6	2.0	ug/kg	50.0		91	80-125			
Chloroethane	50.2	5.0	ug/kg	50.0		100	55-145			
Chloroform	53.0	2.0	ug/kg	50.0		106	75-120			
Chloromethane	43.2	5.0	ug/kg	50.0		86	35-145			
2-Chlorotoluene	55.3	5.0	ug/kg	50.0		111	75-125			
4-Chlorotoluene	56.4	5.0	ug/kg	50.0		113	80-125			
Dibromochloromethane	44.1	2.0	ug/kg	50.0		88	65-145			
1,2-Dibromo-3-chloropropane	45.7	5.0	ug/kg	50.0		91	50-150			
1,2-Dibromoethane (EDB)	46.6	2.0	ug/kg	50.0		93	75-130			
Dibromomethane	42.4	2.0	ug/kg	50.0		85	75-130			
1,2-Dichlorobenzene	46.6	2.0	ug/kg	50.0		93	80-125			
1,3-Dichlorobenzene	47.3	2.0	ug/kg	50.0		95	80-120			
1,4-Dichlorobenzene	47.8	2.0	ug/kg	50.0		96	80-120			
Dichlorodifluoromethane	50.7	5.0	ug/kg	50.0		101	10-160			
1,1-Dichloroethane	49.1	2.0	ug/kg	50.0		98	70-135			
1,2-Dichloroethane	51.8	2.0	ug/kg	50.0		104	60-150			
1,1-Dichloroethene	46.5	5.0	ug/kg	50.0		93	75-130			
cis-1,2-Dichloroethene	46.2	2.0	ug/kg	50.0		92	70-125			
trans-1,2-Dichloroethene	50.4	2.0	ug/kg	50.0		101	70-130			
1,2-Dichloropropane	44.3	2.0	ug/kg	50.0		89	70-120			
1,3-Dichloropropane	48.6	2.0	ug/kg	50.0		97	70-130			
2,2-Dichloropropane	61.3	2.0	ug/kg	50.0		123	70-150			
1,1-Dichloropropene	53.9	2.0	ug/kg	50.0		108	75-130			
cis-1,3-Dichloropropene	50.9	2.0	ug/kg	50.0		102	75-130			
trans-1,3-Dichloropropene	51.0	2.0	ug/kg	50.0		102	75-135			

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



Project Navigator
 One Pointe Drive, Suite 320
 Brea, CA 92821
 Attention: David Tietje

Project ID: ETS-Ascon

Report Number: IOA0752

Sampled: 01/13/05
 Received: 01/14/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5A15013 Extracted: 01/15/05										
LCS Analyzed: 01/15/2005 (5A15013-BS1)										
Ethylbenzene	52.9	2.0	ug/kg	50.0		106	75-125			
Hexachlorobutadiene	52.9	5.0	ug/kg	50.0		106	75-140			
Isopropylbenzene	57.5	2.0	ug/kg	50.0		115	75-125			
p-Isopropyltoluene	49.5	2.0	ug/kg	50.0		99	75-125			
Methylene chloride	48.1	20	ug/kg	50.0		96	60-135			
Naphthalene	37.3	5.0	ug/kg	50.0		75	50-145			
n-Propylbenzene	57.7	2.0	ug/kg	50.0		115	75-130			
Styrene	49.9	2.0	ug/kg	50.0		100	80-135			
1,1,1,2-Tetrachloroethane	47.3	5.0	ug/kg	50.0		95	70-145			
1,1,2,2-Tetrachloroethane	49.5	2.0	ug/kg	50.0		99	60-145			
Tetrachloroethene	46.8	2.0	ug/kg	50.0		94	80-125			
Toluene	47.4	2.0	ug/kg	50.0		95	75-120			
1,2,3-Trichlorobenzene	41.0	5.0	ug/kg	50.0		82	65-135			
1,2,4-Trichlorobenzene	44.0	5.0	ug/kg	50.0		88	70-140			
1,1,1-Trichloroethane	57.0	2.0	ug/kg	50.0		114	75-140			
1,1,2-Trichloroethane	44.5	2.0	ug/kg	50.0		89	70-130			
Trichloroethene	40.6	2.0	ug/kg	50.0		81	75-125			
Trichlorofluoromethane	55.0	5.0	ug/kg	50.0		110	55-145			
1,2,3-Trichloropropane	48.1	10	ug/kg	50.0		96	60-140			
1,2,4-Trimethylbenzene	55.8	2.0	ug/kg	50.0		112	75-125			
1,3,5-Trimethylbenzene	57.2	2.0	ug/kg	50.0		114	80-125			
Vinyl chloride	50.4	5.0	ug/kg	50.0		101	45-130			
o-Xylene	45.8	2.0	ug/kg	50.0		92	80-125			
m,p-Xylenes	99.4	2.0	ug/kg	100		99	80-125			
Surrogate: Dibromofluoromethane	47.4		ug/kg	50.0		95	80-125			
Surrogate: Toluene-d8	47.1		ug/kg	50.0		94	80-120			
Surrogate: 4-Bromofluorobenzene	48.1		ug/kg	50.0		96	80-120			

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



Project Navigator
 One Pointe Drive, Suite 320
 Brea, CA 92821
 Attention: David Tietje

Project ID: ETS-Ascon

Report Number: IOA0752

Sampled: 01/13/05
 Received: 01/14/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5A15013 Extracted: 01/15/05										
Matrix Spike Analyzed: 01/15/2005 (5A15013-MS1)					Source: IOA0709-03					
Benzene	46.1	2.0	ug/kg	47.7	ND	97	65-130			
Bromobenzene	48.6	5.0	ug/kg	47.7	ND	102	70-135			
Bromochloromethane	40.3	5.0	ug/kg	47.7	ND	84	65-145			
Bromodichloromethane	51.3	2.0	ug/kg	47.7	ND	108	70-145			
Bromoform	41.7	5.0	ug/kg	47.7	ND	87	60-145			
Bromomethane	50.6	5.0	ug/kg	47.7	ND	106	50-155			
n-Butylbenzene	50.6	5.0	ug/kg	47.7	ND	106	60-140			
sec-Butylbenzene	50.6	5.0	ug/kg	47.7	ND	106	65-135			
tert-Butylbenzene	48.1	5.0	ug/kg	47.7	ND	101	70-135			
Carbon tetrachloride	48.9	5.0	ug/kg	47.7	ND	103	70-145			
Chlorobenzene	44.3	2.0	ug/kg	47.7	ND	93	80-130			
Chloroethane	49.1	5.0	ug/kg	47.7	ND	103	50-150			
Chloroform	51.8	2.0	ug/kg	47.7	ND	109	70-130			
Chloromethane	41.2	5.0	ug/kg	47.7	ND	86	30-145			
2-Chlorotoluene	53.2	5.0	ug/kg	47.7	ND	112	65-135			
4-Chlorotoluene	55.0	5.0	ug/kg	47.7	ND	115	65-135			
Dibromochloromethane	44.7	2.0	ug/kg	47.7	ND	94	65-145			
1,2-Dibromo-3-chloropropane	49.3	5.0	ug/kg	47.7	ND	103	50-155			
1,2-Dibromoethane (EDB)	48.0	2.0	ug/kg	47.7	ND	101	65-140			
Dibromomethane	42.5	2.0	ug/kg	47.7	ND	89	65-140			
1,2-Dichlorobenzene	45.0	2.0	ug/kg	47.7	ND	94	75-130			
1,3-Dichlorobenzene	44.9	2.0	ug/kg	47.7	ND	94	70-125			
1,4-Dichlorobenzene	45.7	2.0	ug/kg	47.7	ND	96	75-130			
Dichlorodifluoromethane	48.0	5.0	ug/kg	47.7	ND	101	10-195			
1,1-Dichloroethane	47.5	2.0	ug/kg	47.7	ND	100	65-135			
1,2-Dichloroethane	50.6	2.0	ug/kg	47.7	ND	106	60-150			
1,1-Dichloroethene	43.9	5.0	ug/kg	47.7	ND	92	70-140			
cis-1,2-Dichloroethene	45.3	2.0	ug/kg	47.7	ND	95	60-135			
trans-1,2-Dichloroethene	48.6	2.0	ug/kg	47.7	ND	102	65-135			
1,2-Dichloropropane	43.8	2.0	ug/kg	47.7	ND	92	65-125			
1,3-Dichloropropane	50.1	2.0	ug/kg	47.7	ND	105	65-135			
2,2-Dichloropropane	61.4	2.0	ug/kg	47.7	ND	129	60-155			
1,1-Dichloropropene	52.3	2.0	ug/kg	47.7	ND	110	65-140			
cis-1,3-Dichloropropene	49.3	2.0	ug/kg	47.7	ND	103	70-135			
trans-1,3-Dichloropropene	50.8	2.0	ug/kg	47.7	ND	106	65-140			

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager

Project Navigator
 One Pointe Drive, Suite 320
 Brea, CA 92821
 Attention: David Tietje

Project ID: ETS-Ascon

Report Number: IOA0752

Sampled: 01/13/05

Received: 01/14/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5A15013 Extracted: 01/15/05										
Matrix Spike Analyzed: 01/15/2005 (5A15013-MS1)					Source: IOA0709-03					
Ethylbenzene	51.8	2.0	ug/kg	47.7	ND	109	70-135			
Hexachlorobutadiene	30.7	5.0	ug/kg	47.7	ND	64	60-145			
Isopropylbenzene	55.8	2.0	ug/kg	47.7	ND	117	65-140			
p-Isopropyltoluene	45.4	2.0	ug/kg	47.7	ND	95	60-135			
Methylene chloride	46.4	20	ug/kg	47.7	ND	97	60-145			
Naphthalene	38.3	5.0	ug/kg	47.7	1.7	77	40-160			
n-Propylbenzene	55.4	2.0	ug/kg	47.7	ND	116	65-140			
Styrene	50.4	2.0	ug/kg	47.7	ND	106	70-145			
1,1,1,2-Tetrachloroethane	46.6	5.0	ug/kg	47.7	ND	98	70-145			
1,1,2,2-Tetrachloroethane	50.1	2.0	ug/kg	47.7	ND	105	50-155			
Tetrachloroethene	45.6	2.0	ug/kg	47.7	ND	96	70-135			
Toluene	46.1	2.0	ug/kg	47.7	ND	97	70-125			
1,2,3-Trichlorobenzene	36.1	5.0	ug/kg	47.7	ND	76	55-140			
1,2,4-Trichlorobenzene	38.2	5.0	ug/kg	47.7	ND	80	60-140			
1,1,1-Trichloroethane	55.7	2.0	ug/kg	47.7	ND	117	65-140			
1,1,2-Trichloroethane	44.8	2.0	ug/kg	47.7	ND	94	65-140			
Trichloroethene	40.9	2.0	ug/kg	47.7	ND	86	70-140			
Trichlorofluoromethane	52.9	5.0	ug/kg	47.7	ND	111	45-155			
1,2,3-Trichloropropane	50.3	10	ug/kg	47.7	ND	105	55-145			
1,2,4-Trimethylbenzene	52.9	2.0	ug/kg	47.7	ND	111	65-135			
1,3,5-Trimethylbenzene	54.7	2.0	ug/kg	47.7	ND	115	70-130			
Vinyl chloride	47.5	5.0	ug/kg	47.7	ND	100	45-130			
o-Xylene	45.3	2.0	ug/kg	47.7	ND	95	70-125			
m,p-Xylenes	96.1	2.0	ug/kg	95.4	ND	101	70-130			
Surrogate: Dibromofluoromethane	45.2		ug/kg	47.7		95	80-125			
Surrogate: Toluene-d8	44.9		ug/kg	47.7		94	80-120			
Surrogate: 4-Bromofluorobenzene	47.0		ug/kg	47.7		99	80-120			

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



Project Navigator
 One Pointe Drive, Suite 320
 Brea, CA 92821
 Attention: David Tietje

Project ID: ETS-Ascon

Report Number: IOA0752

Sampled: 01/13/05
 Received: 01/14/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5A15013 Extracted: 01/15/05										
Matrix Spike Dup Analyzed: 01/15/2005 (5A15013-MSD1)					Source: IOA0709-03					
Benzene	47.2	2.0	ug/kg	48.7	ND	97	65-130	2	20	
Bromobenzene	49.5	5.0	ug/kg	48.7	ND	102	70-135	2	25	
Bromochloromethane	41.4	5.0	ug/kg	48.7	ND	85	65-145	3	25	
Bromodichloromethane	52.6	2.0	ug/kg	48.7	ND	108	70-145	3	20	
Bromoform	42.3	5.0	ug/kg	48.7	ND	87	60-145	1	30	
Bromomethane	51.0	5.0	ug/kg	48.7	ND	105	50-155	1	25	
n-Butylbenzene	53.6	5.0	ug/kg	48.7	ND	110	60-140	6	30	
sec-Butylbenzene	52.5	5.0	ug/kg	48.7	ND	108	65-135	4	25	
tert-Butylbenzene	48.9	5.0	ug/kg	48.7	ND	100	70-135	2	25	
Carbon tetrachloride	49.6	5.0	ug/kg	48.7	ND	102	70-145	1	25	
Chlorobenzene	45.3	2.0	ug/kg	48.7	ND	93	80-130	2	25	
Chloroethane	49.0	5.0	ug/kg	48.7	ND	101	50-150	0	25	
Chloroform	53.1	2.0	ug/kg	48.7	ND	109	70-130	2	20	
Chloromethane	42.1	5.0	ug/kg	48.7	ND	86	30-145	2	25	
2-Chlorotoluene	53.7	5.0	ug/kg	48.7	ND	110	65-135	1	25	
4-Chlorotoluene	55.6	5.0	ug/kg	48.7	ND	114	65-135	1	25	
Dibromochloromethane	45.0	2.0	ug/kg	48.7	ND	92	65-145	1	25	
1,2-Dibromo-3-chloropropane	50.4	5.0	ug/kg	48.7	ND	103	50-155	2	30	
1,2-Dibromoethane (EDB)	48.6	2.0	ug/kg	48.7	ND	100	65-140	1	25	
Dibromomethane	44.2	2.0	ug/kg	48.7	ND	91	65-140	4	25	
1,2-Dichlorobenzene	45.8	2.0	ug/kg	48.7	ND	94	75-130	2	25	
1,3-Dichlorobenzene	46.0	2.0	ug/kg	48.7	ND	94	70-125	2	25	
1,4-Dichlorobenzene	46.6	2.0	ug/kg	48.7	ND	96	75-130	2	25	
Dichlorodifluoromethane	48.0	5.0	ug/kg	48.7	ND	99	10-195	0	35	
1,1-Dichloroethane	48.6	2.0	ug/kg	48.7	ND	100	65-135	2	25	
1,2-Dichloroethane	51.5	2.0	ug/kg	48.7	ND	106	60-150	2	25	
1,1-Dichloroethene	45.0	5.0	ug/kg	48.7	ND	92	70-140	2	25	
cis-1,2-Dichloroethene	46.2	2.0	ug/kg	48.7	ND	95	60-135	2	25	
trans-1,2-Dichloroethene	48.9	2.0	ug/kg	48.7	ND	100	65-135	1	25	
1,2-Dichloropropane	45.5	2.0	ug/kg	48.7	ND	93	65-125	4	20	
1,3-Dichloropropane	50.5	2.0	ug/kg	48.7	ND	104	65-135	1	25	
2,2-Dichloropropane	59.9	2.0	ug/kg	48.7	ND	123	60-155	2	25	
1,1-Dichloropropene	52.5	2.0	ug/kg	48.7	ND	108	65-140	0	20	
cis-1,3-Dichloropropene	50.9	2.0	ug/kg	48.7	ND	105	70-135	3	25	
trans-1,3-Dichloropropene	52.0	2.0	ug/kg	48.7	ND	107	65-140	2	25	

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



Project Navigator
 One Pointe Drive, Suite 320
 Brea, CA 92821
 Attention: David Tietje

Project ID: ETS-Ascon

Report Number: IOA0752

Sampled: 01/13/05
 Received: 01/14/05

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5A15013 Extracted: 01/15/05										
Matrix Spike Dup Analyzed: 01/15/2005 (5A15013-MSD1)					Source: IOA0709-03					
Ethylbenzene	53.2	2.0	ug/kg	48.7	ND	109	70-135	3	25	
Hexachlorobutadiene	43.3	5.0	ug/kg	48.7	ND	89	60-145	34	35	
Isopropylbenzene	56.2	2.0	ug/kg	48.7	ND	115	65-140	1	25	
p-Isopropyltoluene	47.7	2.0	ug/kg	48.7	ND	98	60-135	5	25	
Methylene chloride	47.9	20	ug/kg	48.7	ND	98	60-145	3	25	
Naphthalene	39.7	5.0	ug/kg	48.7	1.7	78	40-160	4	40	
n-Propylbenzene	56.3	2.0	ug/kg	48.7	ND	116	65-140	2	25	
Styrene	50.2	2.0	ug/kg	48.7	ND	103	70-145	0	25	
1,1,1,2-Tetrachloroethane	47.6	5.0	ug/kg	48.7	ND	98	70-145	2	20	
1,1,2,2-Tetrachloroethane	48.2	2.0	ug/kg	48.7	ND	99	50-155	4	30	
Tetrachloroethene	46.7	2.0	ug/kg	48.7	ND	96	70-135	2	25	
Toluene	47.1	2.0	ug/kg	48.7	ND	97	70-125	2	20	
1,2,3-Trichlorobenzene	39.8	5.0	ug/kg	48.7	ND	82	55-140	10	30	
1,2,4-Trichlorobenzene	42.5	5.0	ug/kg	48.7	ND	87	60-140	11	30	
1,1,1-Trichloroethane	55.4	2.0	ug/kg	48.7	ND	114	65-140	1	20	
1,1,2-Trichloroethane	45.9	2.0	ug/kg	48.7	ND	94	65-140	2	30	
Trichloroethene	42.8	2.0	ug/kg	48.7	ND	88	70-140	5	25	
Trichlorofluoromethane	53.0	5.0	ug/kg	48.7	ND	109	45-155	0	25	
1,2,3-Trichloropropane	49.8	10	ug/kg	48.7	ND	102	55-145	1	30	
1,2,4-Trimethylbenzene	54.0	2.0	ug/kg	48.7	ND	111	65-135	2	25	
1,3,5-Trimethylbenzene	55.9	2.0	ug/kg	48.7	ND	115	70-130	2	25	
Vinyl chloride	47.8	5.0	ug/kg	48.7	ND	98	45-130	1	30	
o-Xylene	46.2	2.0	ug/kg	48.7	ND	95	70-125	2	25	
m,p-Xylenes	97.9	2.0	ug/kg	97.5	ND	100	70-130	2	25	
Surrogate: Dibromofluoromethane	46.3		ug/kg	48.7		95	80-125			
Surrogate: Toluene-d8	45.8		ug/kg	48.7		94	80-120			
Surrogate: 4-Bromofluorobenzene	48.1		ug/kg	48.7		99	80-120			

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



Project Navigator
 One Pointe Drive, Suite 320
 Brea, CA 92821
 Attention: David Tietje

Project ID: ETS-Ascon

Report Number: IOA0752

Sampled: 01/13/05
 Received: 01/14/05

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5A17046 Extracted: 01/17/05										
Blank Analyzed: 01/17/2005 (5A17046-BLK1)										
Chromium	ND	1.0	mg/kg							
LCS Analyzed: 01/17/2005 (5A17046-BS1)										
Chromium	49.4	1.0	mg/kg	50.0		99	80-120			
Matrix Spike Analyzed: 01/17/2005 (5A17046-MS1)										
Chromium	78.2	2.0	mg/kg	50.0	34	88	75-125			
Matrix Spike Dup Analyzed: 01/17/2005 (5A17046-MSD1)										
Chromium	82.6	2.0	mg/kg	50.0	34	97	75-125	5	20	

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



Project Navigator
 One Pointe Drive, Suite 320
 Brea, CA 92821
 Attention: David Tietje

Project ID: ETS-Ascon

Report Number: IOA0752

Sampled: 01/13/05
 Received: 01/14/05

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 5A17073 Extracted: 01/17/05										
Blank Analyzed: 01/17/2005 (5A17073-BLK1)										
Chromium VI	ND	0.20	mg/kg							
LCS Analyzed: 01/17/2005 (5A17073-BS1)										
Chromium VI	4.12	0.20	mg/kg	5.00		82	65-110			
Matrix Spike Analyzed: 01/17/2005 (5A17073-MS1)										
Chromium VI	ND	0.20	mg/kg	5.00	0.014	0	55-110			M2
Matrix Spike Dup Analyzed: 01/17/2005 (5A17073-MSD1)										
Chromium VI	0.0250	0.20	mg/kg	5.00	0.014	0	55-110		20	M2

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager



Project Navigator
One Pointe Drive, Suite 320
Brea, CA 92821
Attention: David Tietje

Project ID: ETS-Ascon

Report Number: IOA0752

Sampled: 01/13/05
Received: 01/14/05

DATA QUALIFIERS AND DEFINITIONS

- B** Analyte was detected in the associated Method Blank.
- B-1** Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.
- M2** The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- Z3** The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
- ND** Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
- RPD** Relative Percent Difference

ADDITIONAL COMMENTS

For Extractable Fuel Hydrocarbons (EFH, DRO, ORO) :

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

Del Mar Analytical, Irvine
Kathleen A. Robb
Project Manager



Project Navigator
 One Pointe Drive, Suite 320
 Brea, CA 92821
 Attention: David Tietje

Project ID: ETS-Ascon

Report Number: IOA0752

Sampled: 01/13/05
 Received: 01/14/05

Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	NELAP	CA
EPA 418.1	Soil	X	X
EPA 6010B	Solid	X	X
EPA 7199	Soil	X	X
EPA 8015B MOD.	Soil	N/A	N/A
EPA 8260B	Soil	X	X

NV and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at www.dmalabs.com.

Del Mar Analytical, Irvine
 Kathleen A. Robb
 Project Manager

CHAIN OF CUSTODY

PRIMA Environmental
 10265 Old Placerville Road, Suite 15, Sacramento, CA 95827-3042
 (916) 363-8798 * (916) 363-8829 FAX

026

FOA0752

Project Manager Cindy Schreier
 Project Name ETS Asscon
 Job Number _____
 Date 1/13/05
 Turnaround Time 48 hr

Laboratory DelMar Analytical
17461 Derian Ave, Ste 100
Irvine, CA 92614
 Phone 949-261-1022

SAMPLE ID	Date	Time	Matrix	# containers	Analysis	Comments
Process Control-NR	1/13/05	1630	Soil	1	GR0/ETH	Please run GR0 EFH, TRPH, VOCs @ 48hr TAT. Cr(v), total Cr can be done at standard TAT of 5 business days - Thanks
Treated - 3a-7.5	1/13/05	↓	↓	1	TRPH	
Treated - 3a-15	1/13/05	↓	↓	1	VOCs (8260)	
Treated - 3a-30	1/13/05	↓	↓	1	Total Cr	



Special Instructions	Relinquished by:	Received by:
Please bill Project Navigator/Asscon per David Tietje. Send reports to David Tietje and Cindy Schreier (Iron@PRIMAEnvironmental.com)	Company <u>PRIMA</u>	Company <u>Fed Ex</u>
	Name <u>Cindy Schreier</u>	Name <u>8186 1522 9681</u>
	Date Time <u>1/13/05 ~ 1800</u>	Date Time _____
	Relinquished by:	Received by:
	Company _____	Company <u>DMAT</u>
	Name _____	Name <u>Fudubaus</u>
	Date Time _____	Date <u>1/15/05</u> Time <u>10:35</u>

contact/ice 60C